



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re original application of:
Applicant : Frank Check
Application Serial No.: 10/730,874
Filing Date: : December 9, 2003
Title: METHOD OF AND SYSTEM FOR DETECTING AND
CORRECTING MODE SWITCHING IN DIFFRACTIVE-
BASED LASER SCANNING SYSTEMS
Examiner : n/a
Group Art Unit : 2828
Attorney Docket No. : 108-028USANA0

Honorable Commissioner of Patents
and Trademarks
Washington, DC 20231

PRELIMINARY AMENDMENT

Sir:

Prior to examination of the above-referenced Patent Application, please amend the same as follows:

AMENDMENT TO THE CLAIMS:

Please cancel claims 1-80 without prejudice or disclaimer, and add new Claims 81- as follows:

80

Claims 1-~~40~~(canceled)

81.

Claim ~~41~~ (original): A method for controlling wavelength of a laser light beam emitted from a laser light source in a laser scanning system comprising an optical subsystem, including at least one diffractive optical element, that directs a first portion of the laser light beam into a scanning region, the method comprising the steps of:

directing a second portion of the laser light beam to an optical detector, wherein the optical detector generates a first electrical signal in response thereto;

providing a temperature control element, in thermal contact with the laser light source, that is capable of adjusting temperature of the laser light source;

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